

Jintanat Singkamart 2006: Socio-economic Factors Affecting Forest Conservation by Hill Tribes of Pang Mapha District, Mae Hong Son Province. Master of Science (Agricultural Economics), Major Field: Agricultural Economics, Department of Agricultural and Resource Economics. Thesis Advisor: Miss Nuchanata Mungkung, Ph.D. 86 pages.
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The objectives of this study were to explain the general economy and society, to study the pattern of forest resource conservation activity, the way to conserve the forest resources divided by the tribe and to analyze the economy and society factors that had an effect on forest resource conservation in the district of Pang Mapha, Mae Hong Son. The results of the study should show the way for forest management planning of the development office in the high area and the way for the conservation in other high area communities. These ways are used in order to have sustainable forest resources use. The secondary data of 104 high hill tribe families from three different villages were used and consisted of Banborkrai, Banmaelana and Banmuengpam, in Pang Mapha District, Mae Hong Sorn Province. The relation of the factors was analyzed by using multiple regression analysis technique following with the Logit Model.

The study found that 24.56% of the sample has had forest resources conservation by using activities consisting of forest planting, making fire barriers and forest ordaining. The economy and society factors affecting the forest resource conservation were Karen race, animal raising and the understanding of the relation of forest resource with the forest resources conservation in a positive way that meant Karens who understood more about forest resources could make more forest resource conservation. The forest resources conservation model could predict correctly 75.44% and the possibility of the forest resources conservation was about 53.87%.

The suggestions for the departments involved in the conservation should take the pattern of Karen tribe's forest resources conservation as an example in forest resources conservation for other high area communities and create conservation activities. The officers should support more knowledge and more understanding about forest conservation and forest uses to the hill tribe people.

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Thesis Advisor's signature

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